



SPYWOLF

Security Audit Report



Completed on
October 21, 2023

@SPYWOLFNETWORK



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SPYWOLF.CO





OVERVIEW

This audit has been prepared for **ETF** to review the main aspects of the project to help investors make an informative decision during their research process.

You will find a summarized review of the following key points:

- ✓ Contract's source code
- ✓ Owners' wallets
- ✓ Tokenomics
- ✓ Team transparency and goals
- ✓ Website's age, code, security and UX
- ✓ Whitepaper and roadmap
- ✓ Social media & online presence

“

The results of this audit are purely based on the team's evaluation and does not guarantee nor reflect the projects outcome and goal

- SPYWOLF Team -

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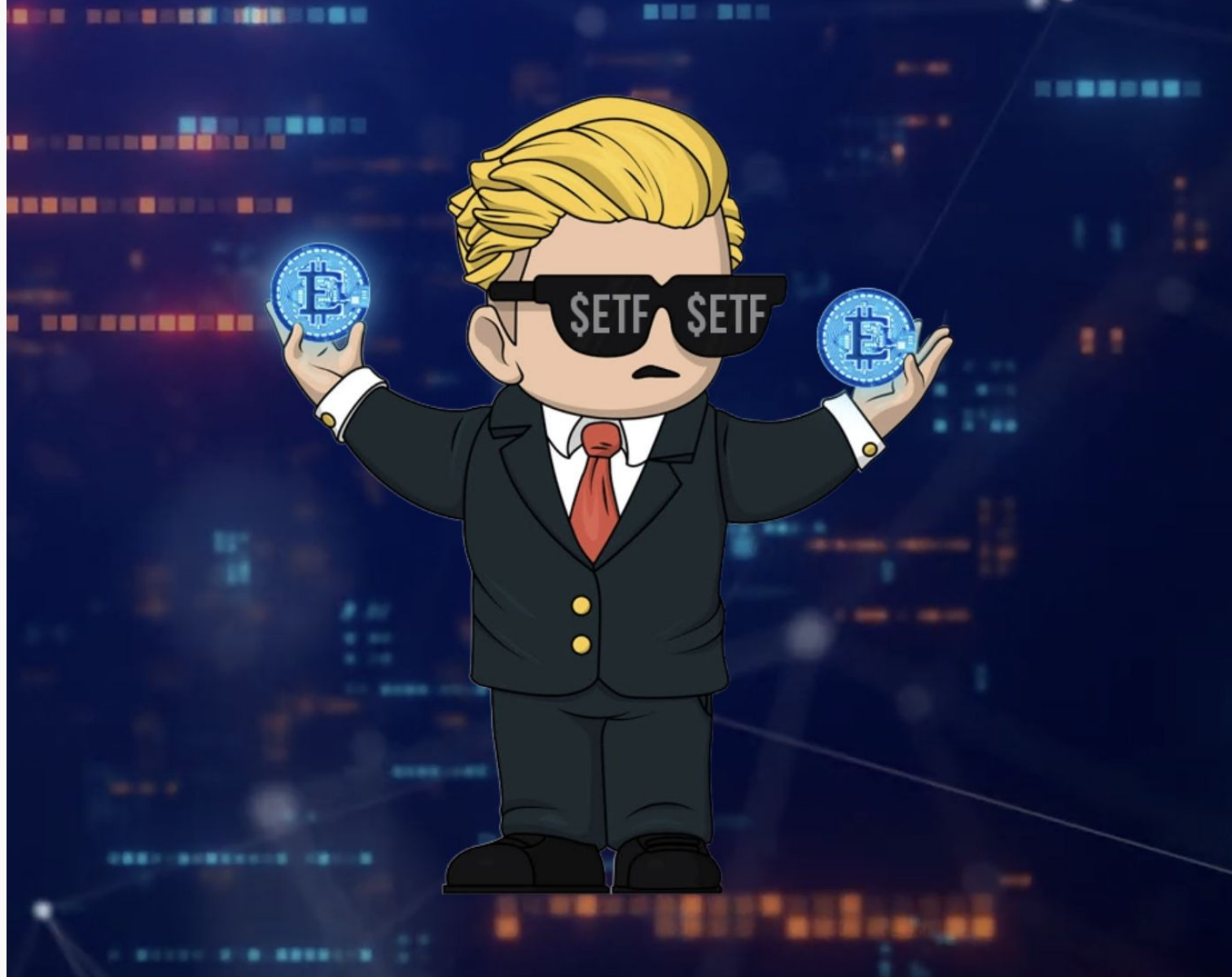


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ETF



PROJECT DESCRIPTION

According to their whitepaper:

"Join our journey to catch the next ETFs, let it be Bitcoin or any other coin! \$ETF is the future of crypto! Stake \$ETF to receive bonus rewards when an ETF event happens!"

Release Date: Presale starts in October 24, 2023

Category: Meme



CONTRACT INFO

Token Name	Symbol
ETF	\$ETF
Contract Address	
0x2FcBD5a6eb694d573D280664393681cB52b9a98b	
Network	Language
Ethereum	Solidity
Deployment Date	Contract Type
Oct 19, 2023	Standard token
Total Supply	Status
21,000,000	Not launched

TAXES



Our Contract Review Process

The contract review process pays special attention to the following:

- ✓ Testing the smart contracts against both common and uncommon vulnerabilities
- ✓ Assessing the codebase to ensure compliance with current best practices and industry standards.
- ✓ Ensuring contract logic meets the specifications and intentions of the client.
- ✓ Cross referencing contract structure and implementation against similar smart contracts produced by industry leaders.
- ✓ Thorough line-by-line manual review of the entire codebase by industry experts.

Blockchain security tools used:

- OpenZeppelin
- Mythril
- Solidity Compiler
- Hardhat



TOKEN TRANSFERS STATS

Transfer Count	6
Uniq Senders	2
Uniq Receivers	4
Total Amount	42000000.65911653 ETF
Median Transfer Amount	7436381.516700999 ETF
Average Transfer Amount	7000000.109852755 ETF
First transfer date	2023-10-19
Last transfer date	2023-10-20
Days token transferred	2

SMART CONTRACT STATS

Calls Count	19
External calls	6
Internal calls	13
Transactions count	10
Uniq Callers	4
Days contract called	2
Last transaction time	2023-10-20 22:17:47 UTC
Created	2023-10-19 20:34:35 UTC
Create TX	0x4ee2380b49dcacf29c83829bdaec6da2f45a1d2dc1c250f61291be96ffaa9595
Creator	0xd84509573bb190e5f7e543f866c0857501d7c880



VULNERABILITY CHECK

Design Logic	Passed
Compiler warnings.	Passed
Private user data leaks	Passed
Timestamp dependence	Passed
Integer overflow and underflow	Passed
Race conditions and reentrancy. Cross-function race conditions	Passed
Possible delays in data delivery	Passed
Oracle calls	Passed
Front running	Passed
DoS with Revert	Passed
DoS with block gas limit	Passed
Methods execution permissions	Passed
Economy model	Passed
Impact of the exchange rate on the logic	Passed
Malicious Event log	Passed
Scoping and declarations	Passed
Uninitialized storage pointers	Passed
Arithmetic accuracy	Passed
Cross-function race conditions	Passed
Safe Zeppelin module	Passed
Fallback function security	Passed



THREAT LEVELS

When performing smart contract audits, our specialists look for known vulnerabilities as well as logical and access control issues within the code. The exploitation of these issues by malicious actors may cause serious financial damage to projects that failed to get an audit in time. We categorize these vulnerabilities by the following levels:

High Risk

Issues on this level are critical to the smart contract's performance/functionality and should be fixed before moving to a live environment.

Medium Risk

Issues on this level are critical to the smart contract's performance/functionality and should be fixed before moving to a live environment.

Low Risk

Issues on this level are minor details and warning that can remain unfixed.

Informational

Information level is to offer suggestions for improvement of efficacy or security for features with a risk free factor.



FOUND THREATS

⚠ High Risk

TradingEnabled is currently false, allowing vetted addresses to potentially sell their presale tokens before opening trade for the investors.

Note: This only applies when investors buy the token on a presale.

```
function _transfer(address from,address to,uint256 amount) internal override {  
    require(from != address(0), "ERC20: transfer from the zero address");  
    require(to != address(0), "ERC20: transfer to the zero address");  
    require(tradingEnabled || _isExcludedFromFees[from] || _isExcludedFromFees[to], "Trading not yet enabled!")
```

- Recommendation:
 - Owner must first enable trading for any transfer



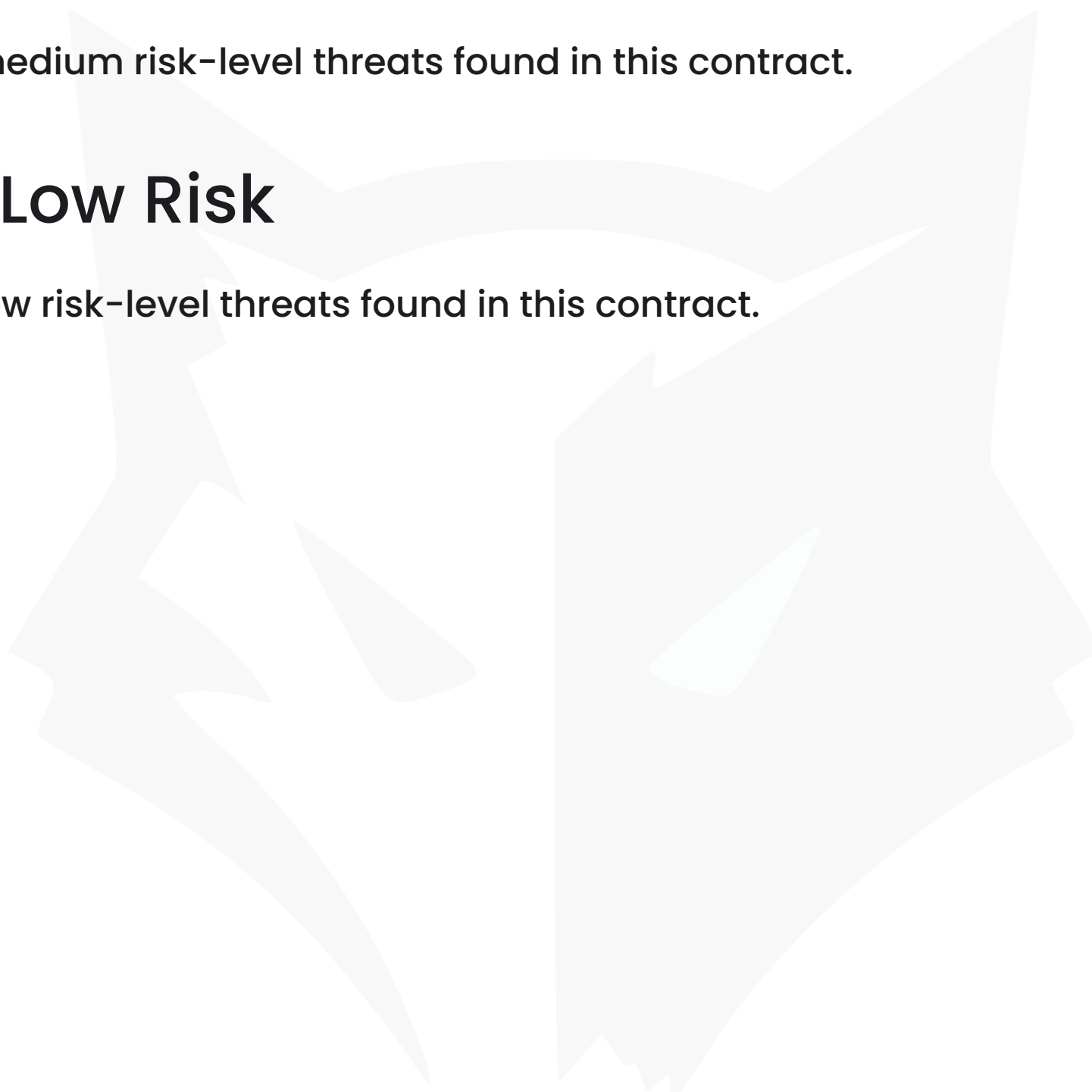
FOUND THREATS

Medium Risk

No medium risk-level threats found in this contract.

Low Risk

No low risk-level threats found in this contract.





RECOMMENDATIONS FOR

GOOD PRACTICES

1

Consider fundamental tradeoffs

2

Be attentive to blockchain properties

3

Ensure careful rollouts

4

Keep contracts simple

5

Stay up to date and track development

ETF

GOOD PRACTICES FOUND

- ✓ The owner cannot mint new tokens after deployment
- ✓ The owner cannot stop or pause the contract
- ✓ The owner cannot set a transaction limit
- ✓ The smart contract utilizes "SafeMath" to prevent overflows



The following tokenomics are based on the project's whitepaper and/or website:

Token distribution

Staking 10% (3% locked away for ETF event)

CEX 5%

Burn 50%

Liquidity 11.7%

Fairlaunch 23.3%

Taxes

0/0 tax

TOKENOMICS



THE TEAM

! The team is anonymous

KYC INFORMATION

No KYC

We recommend the team to get a KYC in order to ensure trust and transparency within the community.





WEBSITE

Website URL

<https://www.etfcoin.dev/>

Domain Registry

<https://www.namecheap.com/>

Domain Expiration

2024-10-18

Technical SEO Test

Passed

Security Test

Passed. SSL certificate present

Design

Single page design with appropriate color scheme and graphics.

Content

The information helps new investors understand what the product does right away.

No grammar mistakes found.

Whitepaper

Yes

Roadmap

Yes

Mobile-friendly?

Yes



etfcoin.dev

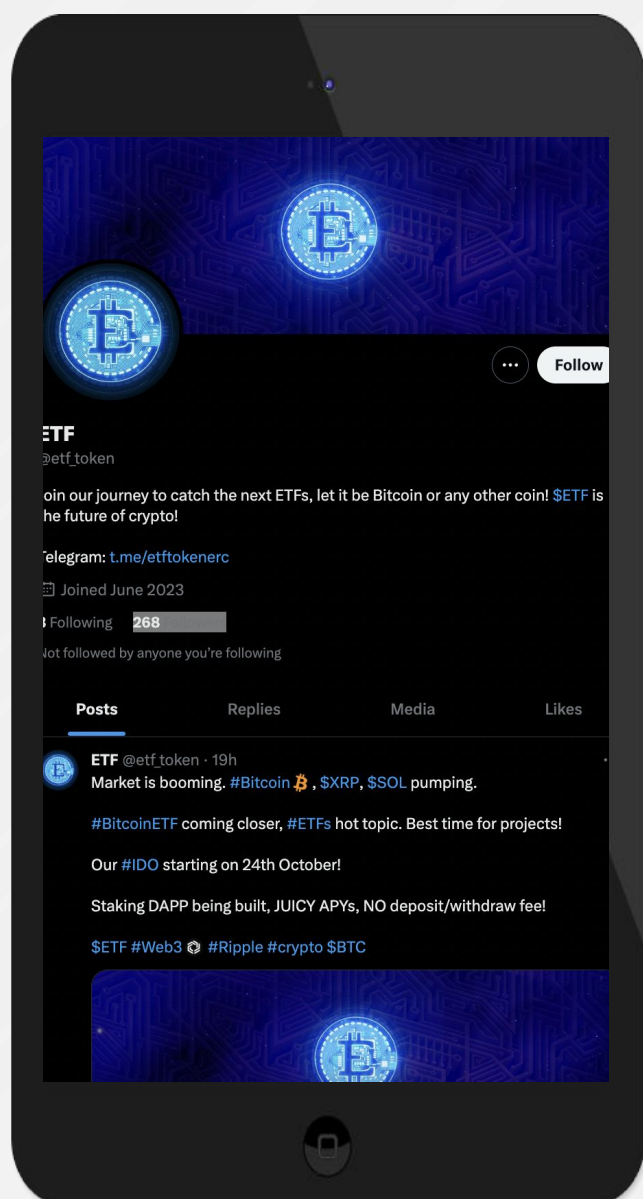


SOCIAL MEDIA & ONLINE PRESENCE



ANALYSIS

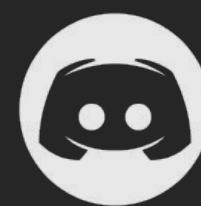
Project's social media
pages are active



Twitter

@etf_token

- 268 Followers
- Few posts



Discord

- Not available



Telegram

@etftokenerc

- 332 members
- Active members
- Active mods



Medium

- Not available



SPYWOLF

CRYPTO SECURITY

Audits | KYCs | dApps
Contract Development

ABOUT US

We are a growing crypto security agency offering audits, KYCs and consulting services for some of the top names in the crypto industry.

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- ✓ MORE THAN 500 SCAMS EXPOSED
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Disclaimer

This report shows findings based on our limited project analysis, following good industry practice from the date of this report, in relation to cybersecurity vulnerabilities and issues in the framework and algorithms based on smart contracts, overall social media and website presence and team transparency details of which are set out in this report. In order to get a full view of our analysis, it is crucial for you to read the full report.

While we have done our best in conducting our analysis and producing this report, it is important to note that you should not rely on this report and cannot claim against us on the basis of what it says or doesn't say, or how we produced it, and it is important for you to conduct your own independent investigations before making any decisions. We go into more detail on this in the disclaimer below – please make sure to read it in full.

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No applications were reviewed for security. No product code has been reviewed.